

Weekly SARS-CoV-2 Sequencing Summary for the State of Maine

December 3rd, 2021

SUMMARY

Critical updates

- 10,927 genomes sampled between March 10, 2020 and November 28, 2021 are included in the analysis
- 1190 B.1.1.7-like (alpha) Variant being monitored have been identified
- 9 B.1.351 (beta) Variant being monitored have been identified
- 5066 B.1.617.2/AY.* (delta) Variant of Concern have been identified
- 167 P.1-like (gamma) Variant being monitored have been identified

Notable Updates

- None

IMPORTANCE

- Variants of Concern can have increased transmission
- Variants of Concern can have increased severity of disease based on hospitalization and case fatality rates
- Variants of Concern can have decreased susceptibility to therapeutic agents such as monoclonal antibodies
- Variants of Concern could evade natural or vaccine-induced immunity

CAVEATS and CONCERNS

- 393 samples do not contain metadata preventing upload to national databases and inclusion in monthly and weekly counts.
- Weekly biases exist due to uneven sampling across the state
- Need to reduce location bias by sequencing more samples from varying facilities and laboratories
- Turnaround times need to decrease to inform infection control practices
- Phylogenetic tree has no county metadata. Public release of county or aggregated-county metadata will aid regional analysis

REFERENCES

- <https://nextstrain.org/community/tewhey-lab/ncov-ME/latest>
<https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/variant-surveillance/variant-info.html>
<https://covariants.org/>
<https://outbreak.info/situation-reports>
<https://nextstrain.org/>
<https://github.com/tewhey-lab/ncov-ME>

| Pangolin Lineage | WHO Label | CDC Category | Cumulative Count | Aug 2021 | Sept 2021 | Oct 2021 | Nov 2021 |
|--------------------------------|-----------|--------------|------------------|----------|-----------|----------|----------|
| B.1.617.2 / AY.* | Delta | VOC | 5066 | 97.0% | 99.3% | 98.3% | 99.1% |
| B.1.1.7 / Q.* | Alpha | VBM | 1190 | 0.6% | 0.0% | 0.0% | 0.0% |
| B.1.351 | Beta | VBM | 9 | 0.0% | 0.0% | 0.0% | 0.0% |
| P.1* | Gamma | VBM | 167 | 0.7% | 0.1% | 0.0% | 0.0% |
| B.1.427 / B.1.429 | Epsilon | VBM | 152 | 0.0% | 0.0% | 0.0% | 0.0% |
| P.2 | Zeta | VBM | 112 | 0.0% | 0.0% | 0.0% | 0.0% |
| B.1.525 | Eta | VBM | 8 | 0.0% | 0.0% | 0.0% | 0.0% |
| B.1.526 | Iota | VBM | 1013 | 0.9% | 0.0% | 0.0% | 0.0% |
| B.1.621.* | Mu | VBM | 104 | 0.3% | 0.0% | 0.0% | 0.0% |
| C.37.* | Lambda | | 3 | 0.0% | 0.0% | 0.0% | 0.0% |
| Total VOI/VOC Sequenced | | | 7824 | 1491 | 1141 | 1273 | 458 |
| Total Cases Sequenced | | | 10927 | 1498 | 1148 | 1295 | 462 |

Table 1: Proportion of cases classified as a variant of concern (VOC), interest (VOI) or variants being monitored (VBM) by month. Lineages with “*” include the parent lineage and all sublineages (e.g. P.1* include P.1, P.1.10, P.1.12 etc)

Prevalence of VOC and VOI in Maine (monthly)

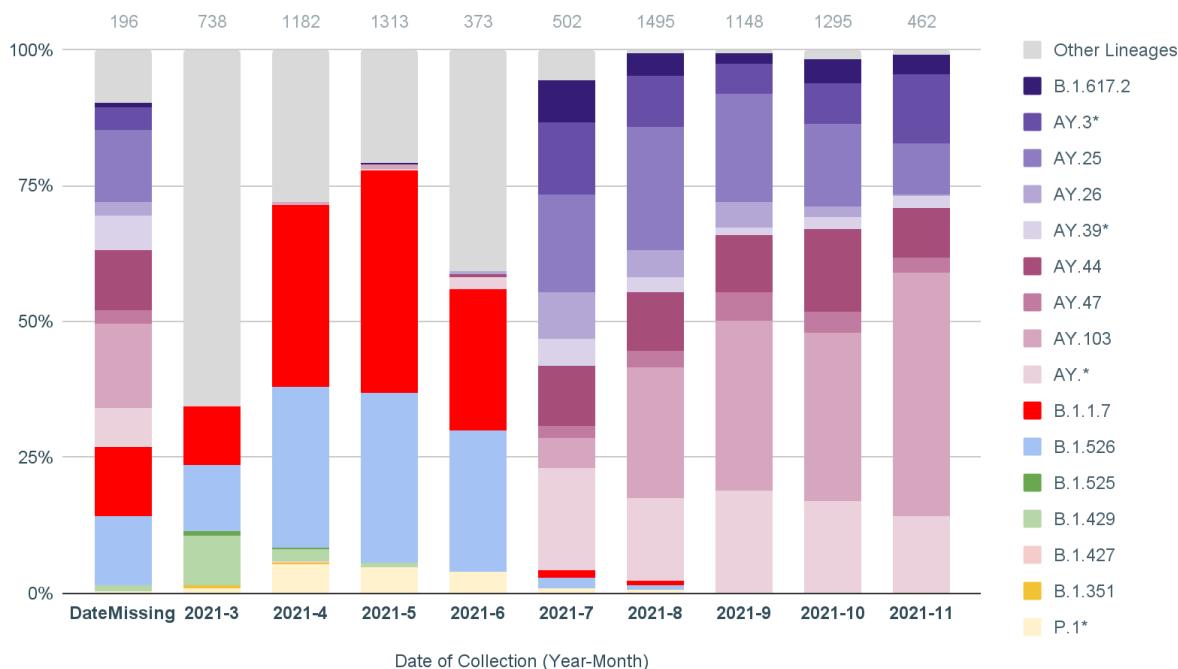


Figure 1: Proportion of samples typed as VOC/VOI/VBM by month. Samples represented as “DateMissing” include samples sequenced in the past 60 days without metadata.

Lineages with “*” include the parent lineage and all sublineages (e.g. P.1* include P.1, P.1.10, P.1.12 etc)

AY.* does not include AY.3.*, AY.25, AY.26, AY.39, AY.44, AY.47 and AY.103 which are provided separately.

B.1.1.7 includes all Q.* sublineages

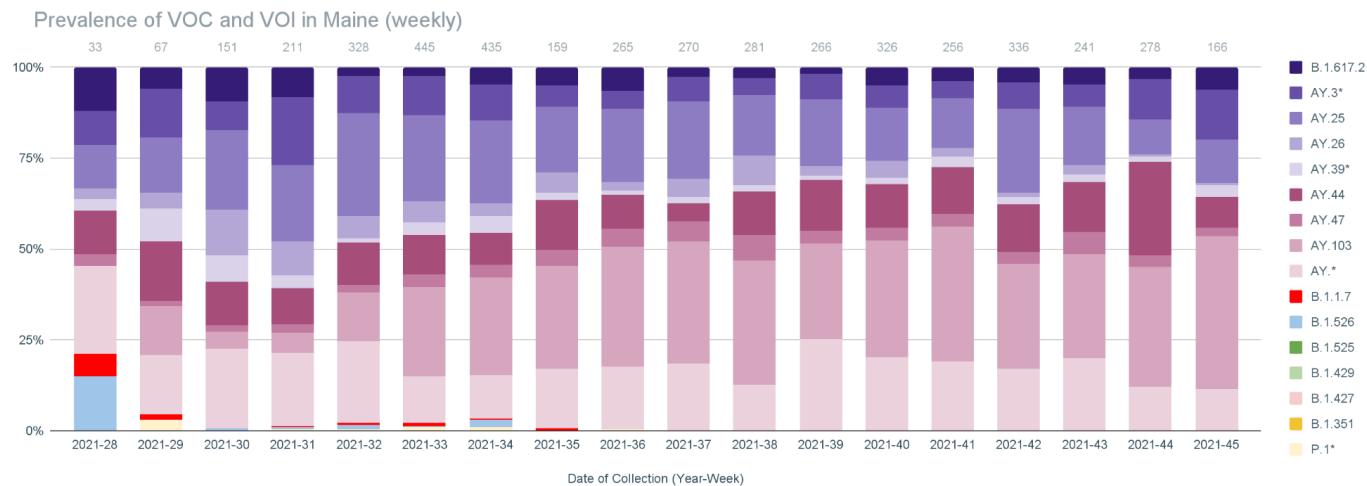


Figure 2: Proportion of samples typed as VOC and VOI by week.

Lineages with “*” include the parent lineage and all sublineages (e.g. P.1* include P.1, P.1.10, P.1.12)

AY.* does not include AY.3.*, AY.25, AY.26, AY.39, AY.44, AY.47 and AY.103 which are provided separately.

B.1.1.7 includes all Q.* sublineages

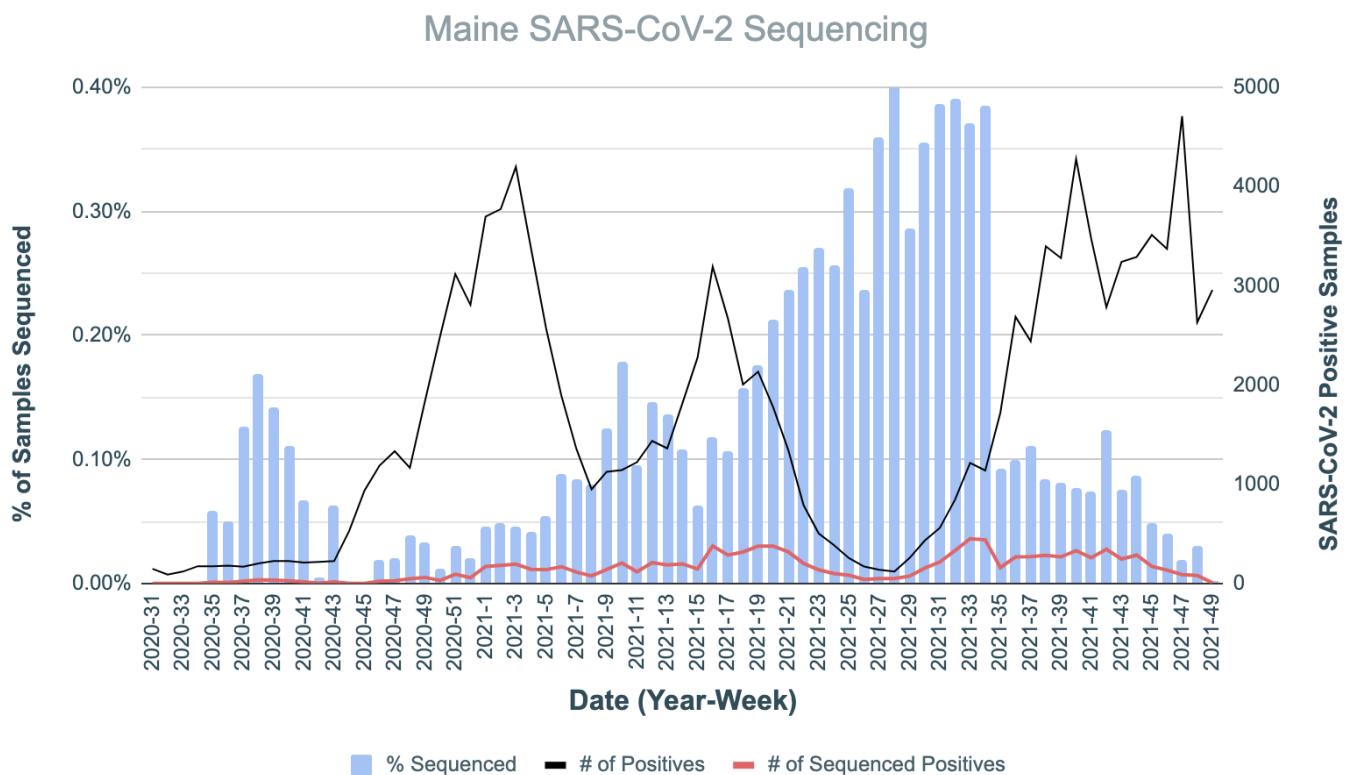


Figure 3: Proportion of COVID-19 positive samples sequenced.

| Sample Collection Date | JAX | HETL | CDC | Other |
|------------------------|------|------|-----|-------|
| Missing Date | 393 | 0 | 0 | 0 |
| Pre-Sept 2020 | 119 | 0 | 0 | 8 |
| Sept 2020 | 116 | 0 | 0 | 0 |
| Oct 2020 | 34 | 0 | 0 | 0 |
| Nov 2020 | 126 | 0 | 0 | 0 |
| Dec 2020 | 314 | 0 | 12 | 2 |
| Jan 2021 | 606 | 0 | 89 | 19 |
| Feb 2021 | 351 | 13 | 125 | 7 |
| Mar 2021 | 564 | 16 | 222 | 1 |
| Apr 2021 | 750 | 83 | 359 | 1 |
| May 2021 | 950 | 59 | 305 | 0 |
| June 2021 | 298 | 0 | 75 | 0 |
| July 2021 | 457 | 0 | 50 | 0 |
| Aug 2021 | 1338 | 0 | 160 | 0 |
| Sep 2021 | 729 | 0 | 419 | 0 |
| Oct 2021 | 576 | 0 | 719 | 0 |
| Nov 2021 | 272 | 0 | 190 | 0 |

Table 2: Total number of samples sequenced. Only Sequences passing quality metrics are included. CDC totals include samples from federal contracts (LabCorp, Helix, Broad) and 10 samples requested from HETL every 2 weeks via the NS3 surveillance program.

| | Total | 10/31/21 - 11/06/21 | 11/07/21 - 11/13/21 | 11/14/21 - 11/20/21 | 11/21/21 - 11/27/21 |
|---------------------------------------------------|--------|------------------------|------------------------|------------------------|------------------------|
| Total number of cases sequenced | 10927 | 170 | 133 | 88 | 80 |
| Total positive tests by molecular testing | 99535 | N/A | N/A | N/A | N/A |
| Total positive tests | 144437 | 3513 | 3373 | 4712 | 2632 |
| Percent of positives sequenced (molecular) | 10.98% | - | - | - | - |
| Percent of positives sequenced (total) | 7.57% | 4.84% | 3.94% | 1.87% | 3.04% |

Table 3: Total proportion of positive tests sequenced.

Supplemental Table 1: VOC/VOI proportion and total counts by county. Sequences obtained through GISAID (CDC, HETL, Other) are not included in the by-county breakdown.

AY.* does not include AY.3.*, AY.25, AY.26, AY.39, AY.44, AY.47 and AY.103 which are provided separately.

| Variant | County | Cumulative % (total count) | August 2021 | Sept 2021 | Oct 2021 | Nov 2021 |
|---------|--------------------------------------|-------------------------------|-------------|-----------|----------|----------|
| P.1* | ANDROSCOGGIN | 1.5% (13) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | AROOSTOOK | 9.4% (32) | 8.2% (6) | 8.3% (1) | 0% (0) | 0% (0) |
| P.1* | CUMBERLAND | 1.7% (21) | 0.9% (1) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | FRANKLIN | 0.7% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | HANCOCK | 2.2% (5) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | KENNEBEC | 1.4% (9) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | KNOX | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | LINCOLN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | OXFORD | 1.2% (4) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | PENOBCOT | 2.1% (25) | 0.3% (1) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | SAGADAHOC | 1.3% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | SOMERSET/PISCATAQUIS | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | WALDO | 1.5% (4) | 0.9% (1) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | WASHINGTON | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | YORK | 1.5% (14) | 0.8% (1) | 0% (0) | 0% (0) | 0% (0) |
| P.1* | Total (w/ county information) | 1.8% (129) | 0.9% (10) | 0.2% (1) | 0% (0) | 0% (0) |
| P.1* | Total | 1.5% (167) | 0.7% (11) | 0.1% (1) | 0% (0) | 0% (0) |
| B.1.351 | ANDROSCOGGIN | 0.2% (2) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | AROOSTOOK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | CUMBERLAND | 0.1% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | FRANKLIN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | HANCOCK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | KENNEBEC | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | KNOX | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | LINCOLN | 1.2% (2) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | OXFORD | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | PENOBCOT | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | SAGADAHOC | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | SOMERSET/PISCATAQUIS | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | WALDO | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | WASHINGTON | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | YORK | 0.1% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | Total (w/ county information) | 0.1% (6) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.351 | Total | 0.1% (9) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | ANDROSCOGGIN | 15.4% (135) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | AROOSTOOK | 8.6% (29) | 1.4% (1) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | CUMBERLAND | 13.1% (165) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | FRANKLIN | 14.7% (20) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | HANCOCK | 7.6% (17) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | KENNEBEC | 9.8% (62) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | KNOX | 6.6% (12) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | LINCOLN | 24.4% (40) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | OXFORD | 15.7% (51) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | PENOBCOT | 11.7% (141) | 0.6% (2) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | SAGADAHOC | 18.4% (14) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | SOMERSET/PISCATAQUIS | 11.9% (72) | 1.0% (1) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | WALDO | 5.3% (14) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | WASHINGTON | 5.3% (8) | 3.3% (1) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | YORK | 11.2% (102) | 0.8% (1) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | Total (w/ county information) | 12.0% (882) | 0.5% (6) | 0% (0) | 0% (0) | 0% (0) |
| B.1.1.7 | Total | 10.7% (1172) | 0.6% (9) | 0% (0) | 0% (0) | 0% (0) |

Supplemental Table 1 continued:

| Variant | County | Cumulative % (total count) | August 2021 | Sept 2021 | Oct 2021 | Nov 2021 |
|---------|--------------------------------------|-------------------------------|-------------|-----------|----------|----------|
| Q.* | ANDROSCOGGIN | 1.0% (9) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | AROOSTOOK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | CUMBERLAND | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | FRANKLIN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | HANCOCK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | KENNEBEC | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | KNOX | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | LINCOLN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | OXFORD | 0.3% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | PENOBCOT | 0.1% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | SAGADAHOC | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | SOMERSET/PISCATAQUIS | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | WALDO | 0.8% (2) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | WASHINGTON | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | YORK | 0.2% (2) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | Total (w/ county information) | 0.2% (15) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| Q.* | Total | 0.2% (18) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | ANDROSCOGGIN | 1.3% (11) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | AROOSTOOK | 3.5% (12) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | CUMBERLAND | 3.2% (40) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | FRANKLIN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | HANCOCK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | KENNEBEC | 1.1% (7) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | KNOX | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | LINCOLN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | OXFORD | 1.2% (4) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | PENOBCOT | 1.8% (22) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | SAGADAHOC | 1.3% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | SOMERSET/PISCATAQUIS | 0.2% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | WALDO | 0.4% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | WASHINGTON | 0.7% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | YORK | 1.4% (13) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | Total (w/ county information) | 1.5% (113) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.429 | Total | 1.4% (148) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | ANDROSCOGGIN | 0.1% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | AROOSTOOK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | CUMBERLAND | 0.2% (2) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | FRANKLIN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | HANCOCK | 0.4% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | KENNEBEC | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | KNOX | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | LINCOLN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | OXFORD | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | PENOBCOT | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | SAGADAHOC | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | SOMERSET/PISCATAQUIS | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | WALDO | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | WASHINGTON | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | YORK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | Total (w/ county information) | 0.1% (4) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.427 | Total | 0.0% (4) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |

Supplemental Table 1 continued:

| Variant | County | Cumulative % (total count) | August 2021 | Sept 2021 | Oct 2021 | Nov 2021 |
|------------------|--------------------------------------|-------------------------------|------------------|------------------|------------------|------------------|
| B.1.525 | ANDROSCOGGIN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | AROOSTOOK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | CUMBERLAND | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | FRANKLIN | 2.2% (3) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | HANCOCK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | KENNEBEC | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | KNOX | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | LINCOLN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | OXFORD | 1.2% (4) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | PENOBCOT | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | SAGADAHOC | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | SOMERSET/PISCATAQUIS | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | WALDO | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | WASHINGTON | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | YORK | 0.1% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | Total (w/ county information) | 0.1% (8) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.525 | Total | 0.1% (8) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | ANDROSCOGGIN | 17.8% (156) | 2.6% (1) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | AROOSTOOK | 2.4% (8) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | CUMBERLAND | 9.2% (116) | 1.8% (2) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | FRANKLIN | 8.8% (12) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | HANCOCK | 9.4% (21) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | KENNEBEC | 15.1% (96) | 1.6% (1) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | KNOX | 12.1% (22) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | LINCOLN | 3.7% (6) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | OXFORD | 10.5% (34) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | PENOBCOT | 7.6% (91) | 1.3% (4) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | SAGADAHOC | 23.7% (18) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | SOMERSET/PISCATAQUIS | 13.4% (81) | 1.9% (2) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | WALDO | 7.2% (19) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | WASHINGTON | 13.8% (21) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | YORK | 6.8% (62) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | Total (w/ county information) | 10.4% (763) | 0.9% (10) | 0% (0) | 0% (0) | 0% (0) |
| B.1.526 | Total | 9.3% (1013) | 0.9% (13) | 0% (0) | 0% (0) | 0% (0) |
| B.1.617.2 | ANDROSCOGGIN | 0.3% (3) | 2.6% (1) | 0% (0) | 0% (0) | 4.3% (1) |
| B.1.617.2 | AROOSTOOK | 0.3% (1) | 1.4% (1) | 0% (0) | 0% (0) | 0% (0) |
| B.1.617.2 | CUMBERLAND | 2.0% (25) | 1.8% (2) | 2.5% (1) | 14.0% (12) | 7.5% (5) |
| B.1.617.2 | FRANKLIN | 1.5% (2) | 10.5% (2) | 0% (0) | 0% (0) | 0% (0) |
| B.1.617.2 | HANCOCK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.617.2 | KENNEBEC | 1.4% (9) | 1.6% (1) | 1.7% (1) | 4.7% (2) | 0% (0) |
| B.1.617.2 | KNOX | 4.4% (8) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.617.2 | LINCOLN | 12.8% (21) | 34.0% (16) | 23.8% (5) | 0% (0) | 0% (0) |
| B.1.617.2 | OXFORD | 1.5% (5) | 5.9% (1) | 16.7% (1) | 0% (0) | 0% (0) |
| B.1.617.2 | PENOBCOT | 2.0% (24) | 4.7% (15) | 5.4% (7) | 0% (0) | 0% (0) |
| B.1.617.2 | SAGADAHOC | 1.3% (1) | 0% (0) | 0% (0) | 14.3% (1) | 0% (0) |
| B.1.617.2 | SOMERSET/PISCATAQUIS | 1.5% (9) | 6.7% (7) | 0% (0) | 1.4% (1) | 0% (0) |
| B.1.617.2 | WALDO | 2.3% (6) | 1.8% (2) | 0% (0) | 0% (0) | 0% (0) |
| B.1.617.2 | WASHINGTON | 0.7% (1) | 3.3% (1) | 0% (0) | 0% (0) | 0% (0) |
| B.1.617.2 | YORK | 1.8% (16) | 3.2% (4) | 0% (0) | 2.0% (1) | 13.0% (3) |
| B.1.617.2 | Total (w/ county information) | 1.8% (131) | 4.6% (53) | 2.9% (15) | 3.4% (17) | 3.8% (9) |
| B.1.617.2 | Total | 1.9% (206) | 4.2% (63) | 2.0% (23) | 4.6% (59) | 3.7% (17) |

Supplemental Table 1 continued:

| Variant | County | Cumulative % (total count) | August 2021 | Sept 2021 | Oct 2021 | Nov 2021 |
|--------------|--------------------------------------|-------------------------------|--------------------|--------------------|--------------------|-------------------|
| AY.3* | ANDROSCOGGIN | 3.3% (29) | 48.7% (19) | 14.3% (1) | 2.9% (1) | 26.1% (6) |
| AY.3* | AROOSTOOK | 3.2% (11) | 6.8% (5) | 16.7% (2) | 9.4% (3) | 16.7% (1) |
| AY.3* | CUMBERLAND | 2.3% (29) | 8.1% (9) | 17.5% (7) | 0% (0) | 4.5% (3) |
| AY.3* | FRANKLIN | 1.5% (2) | 10.5% (2) | 0% (0) | 0% (0) | 0% (0) |
| AY.3* | HANCOCK | 9.9% (22) | 3.4% (2) | 0% (0) | 0% (0) | 100.0% (19) |
| AY.3* | KENNEBEC | 4.3% (27) | 9.7% (6) | 6.7% (4) | 7.0% (3) | 3.7% (1) |
| AY.3* | KNOX | 25.3% (46) | 8.3% (3) | 21.4% (3) | 72.7% (16) | 90.0% (18) |
| AY.3* | LINCOLN | 3.7% (6) | 2.1% (1) | 0% (0) | 30.0% (3) | 50.0% (1) |
| AY.3* | OXFORD | 1.5% (5) | 11.8% (2) | 16.7% (1) | 0% (0) | 0% (0) |
| AY.3* | PENOBCOT | 3.2% (38) | 7.9% (25) | 4.7% (6) | 5.1% (3) | 14.3% (2) |
| AY.3* | SAGADAHOC | 1.3% (1) | 0% (0) | 0% (0) | 0% (0) | 50.0% (1) |
| AY.3* | SOMERSET/PISCATAQUIS | 3.1% (19) | 1.9% (2) | 4.2% (4) | 18.6% (13) | 0% (0) |
| AY.3* | WALDO | 3.4% (9) | 3.7% (4) | 5.0% (1) | 0% (0) | 0% (0) |
| AY.3* | WASHINGTON | 1.3% (2) | 3.3% (1) | 14.3% (1) | 0% (0) | 0% (0) |
| AY.3* | YORK | 5.5% (50) | 19.8% (25) | 4.6% (4) | 3.9% (2) | 13.0% (3) |
| AY.3* | Total (w/ county information) | 4.0% (296) | 9.2% (106) | 6.6% (34) | 8.8% (44) | 23.5% (55) |
| AY.3* | Total | 4.1% (444) | 9.3% (140) | 5.6% (64) | 7.3% (95) | 12.8% (59) |
| AY.25 | ANDROSCOGGIN | 1.5% (13) | 10.3% (4) | 28.6% (2) | 2.9% (1) | 8.7% (2) |
| AY.25 | AROOSTOOK | 5.3% (18) | 13.7% (10) | 16.7% (2) | 9.4% (3) | 33.3% (2) |
| AY.25 | CUMBERLAND | 5.4% (68) | 27.9% (31) | 27.5% (11) | 8.1% (7) | 16.4% (11) |
| AY.25 | FRANKLIN | 5.9% (8) | 31.6% (6) | 50.0% (2) | 0% (0) | 0% (0) |
| AY.25 | HANCOCK | 9.0% (20) | 31.0% (18) | 0% (0) | 0% (0) | 0% (0) |
| AY.25 | KENNEBEC | 4.6% (29) | 14.5% (9) | 23.3% (14) | 7.0% (3) | 3.7% (1) |
| AY.25 | KNOX | 9.9% (18) | 30.6% (11) | 28.6% (4) | 9.1% (2) | 0% (0) |
| AY.25 | LINCOLN | 11.0% (18) | 27.7% (13) | 9.5% (2) | 10.0% (1) | 0% (0) |
| AY.25 | OXFORD | 12.7% (41) | 11.8% (2) | 33.3% (2) | 84.1% (37) | 0% (0) |
| AY.25 | PENOBCOT | 6.0% (72) | 12.3% (39) | 11.6% (15) | 20.3% (12) | 0% (0) |
| AY.25 | SAGADAHOC | 1.3% (1) | 14.3% (1) | 0% (0) | 0% (0) | 0% (0) |
| AY.25 | SOMERSET/PISCATAQUIS | 5.0% (30) | 12.5% (13) | 13.7% (13) | 4.3% (3) | 5.6% (1) |
| AY.25 | WALDO | 40.2% (106) | 68.8% (75) | 35.0% (7) | 0% (0) | 0% (0) |
| AY.25 | WASHINGTON | 5.9% (9) | 10.0% (3) | 57.1% (4) | 8.0% (2) | 0% (0) |
| AY.25 | YORK | 12.0% (109) | 23.8% (30) | 32.2% (28) | 43.1% (22) | 0% (0) |
| AY.25 | Total (w/ county information) | 7.6% (560) | 22.9% (265) | 20.6% (106) | 18.7% (93) | 7.3% (17) |
| AY.25 | Total | 8.8% (960) | 22.7% (340) | 19.9% (228) | 15.1% (196) | 9.3% (43) |
| AY.26 | ANDROSCOGGIN | 0.3% (3) | 2.6% (1) | 14.3% (1) | 0% (0) | 0% (0) |
| AY.26 | AROOSTOOK | 2.7% (9) | 6.8% (5) | 0% (0) | 0% (0) | 0% (0) |
| AY.26 | CUMBERLAND | 0.5% (6) | 0.9% (1) | 0% (0) | 2.3% (2) | 0% (0) |
| AY.26 | FRANKLIN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| AY.26 | HANCOCK | 2.7% (6) | 5.2% (3) | 0% (0) | 25.0% (1) | 0% (0) |
| AY.26 | KENNEBEC | 2.4% (15) | 16.1% (10) | 8.3% (5) | 0% (0) | 0% (0) |
| AY.26 | KNOX | 3.8% (7) | 2.8% (1) | 14.3% (2) | 9.1% (2) | 0% (0) |
| AY.26 | LINCOLN | 3.0% (5) | 4.3% (2) | 0% (0) | 10.0% (1) | 0% (0) |
| AY.26 | OXFORD | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| AY.26 | PENOBCOT | 1.4% (17) | 2.2% (7) | 1.6% (2) | 0% (0) | 0% (0) |
| AY.26 | SAGADAHOC | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| AY.26 | SOMERSET/PISCATAQUIS | 6.4% (39) | 21.2% (22) | 11.6% (11) | 0% (0) | 0% (0) |
| AY.26 | WALDO | 1.1% (3) | 1.8% (2) | 5.0% (1) | 0% (0) | 0% (0) |
| AY.26 | WASHINGTON | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| AY.26 | YORK | 2.2% (20) | 1.6% (2) | 3.4% (3) | 0% (0) | 0% (0) |
| AY.26 | Total (w/ county information) | 1.8% (130) | 4.8% (56) | 4.9% (25) | 1.2% (6) | 0% (0) |
| AY.26 | Total | 1.9% (207) | 4.8% (72) | 4.6% (53) | 2.0% (26) | 0.2% (1) |

Supplemental Table 1 continued:

| Variant | County | Cumulative % (total count) | August 2021 | Sept 2021 | Oct 2021 | Nov 2021 |
|---------------|--------------------------------------|-------------------------------|--------------------|--------------------|--------------------|------------------|
| AY.39* | ANDROSCOGGIN | 0.2% (2) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| AY.39* | AROOSTOOK | 0.3% (1) | 0% (0) | 0% (0) | 0% (0) | 16.7% (1) |
| AY.39* | CUMBERLAND | 1.0% (12) | 5.4% (6) | 2.5% (1) | 1.2% (1) | 0% (0) |
| AY.39* | FRANKLIN | 1.5% (2) | 10.5% (2) | 0% (0) | 0% (0) | 0% (0) |
| AY.39* | HANCOCK | 0.9% (2) | 0% (0) | 0% (0) | 50.0% (2) | 0% (0) |
| AY.39* | KENNEBEC | 0.5% (3) | 1.6% (1) | 1.7% (1) | 0% (0) | 0% (0) |
| AY.39* | KNOX | 1.6% (3) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| AY.39* | LINCOLN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| AY.39* | OXFORD | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| AY.39* | PENOBCOT | 0.9% (11) | 2.5% (8) | 1.6% (2) | 0% (0) | 7.1% (1) |
| AY.39* | SAGADAHOC | 1.3% (1) | 0% (0) | 0% (0) | 14.3% (1) | 0% (0) |
| AY.39* | SOMERSET/PISCATAQUIS | 2.3% (14) | 5.8% (6) | 6.3% (6) | 0% (0) | 0% (0) |
| AY.39* | WALDO | 0.8% (2) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| AY.39* | WASHINGTON | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| AY.39* | YORK | 2.0% (18) | 7.9% (10) | 0% (0) | 3.9% (2) | 0% (0) |
| AY.39* | Total (w/ county information) | 1.0% (71) | 2.9% (33) | 1.9% (10) | 1.2% (6) | 0.9% (2) |
| AY.39* | Total | 1.3% (141) | 2.9% (43) | 1.5% (17) | 2.2% (28) | 2.2% (10) |
| AY.44 | ANDROSCOGGIN | 0.9% (8) | 7.7% (3) | 14.3% (1) | 2.9% (1) | 4.3% (1) |
| AY.44 | AROOSTOOK | 5.0% (17) | 6.8% (5) | 0% (0) | 31.3% (10) | 16.7% (1) |
| AY.44 | CUMBERLAND | 3.6% (46) | 14.4% (16) | 22.5% (9) | 12.8% (11) | 3.0% (2) |
| AY.44 | FRANKLIN | 2.9% (4) | 0% (0) | 0% (0) | 75.0% (3) | 0% (0) |
| AY.44 | HANCOCK | 2.2% (5) | 6.9% (4) | 0% (0) | 0% (0) | 0% (0) |
| AY.44 | KENNEBEC | 7.2% (46) | 22.6% (14) | 21.7% (13) | 20.9% (9) | 14.8% (4) |
| AY.44 | KNOX | 11.0% (20) | 38.9% (14) | 14.3% (2) | 4.5% (1) | 0% (0) |
| AY.44 | LINCOLN | 3.0% (5) | 2.1% (1) | 4.8% (1) | 0% (0) | 0% (0) |
| AY.44 | OXFORD | 1.9% (6) | 29.4% (5) | 0% (0) | 0% (0) | 0% (0) |
| AY.44 | PENOBCOT | 4.5% (54) | 8.2% (26) | 1.6% (2) | 16.9% (10) | 57.1% (8) |
| AY.44 | SAGADAHOC | 3.9% (3) | 28.6% (2) | 0% (0) | 14.3% (1) | 0% (0) |
| AY.44 | SOMERSET/PISCATAQUIS | 12.1% (73) | 16.3% (17) | 28.4% (27) | 35.7% (25) | 5.6% (1) |
| AY.44 | WALDO | 2.7% (7) | 5.5% (6) | 0% (0) | 0% (0) | 0% (0) |
| AY.44 | WASHINGTON | 15.1% (23) | 0% (0) | 0% (0) | 76.0% (19) | 27.3% (3) |
| AY.44 | YORK | 4.7% (43) | 11.9% (15) | 12.6% (11) | 3.9% (2) | 4.3% (1) |
| AY.44 | Total (w/ county information) | 4.9% (360) | 11.1% (128) | 12.8% (66) | 18.5% (92) | 9.0% (21) |
| AY.44 | Total | 5.6% (610) | 10.7% (160) | 10.5% (120) | 15.4% (199) | 9.1% (42) |
| AY.47 | ANDROSCOGGIN | 0.1% (1) | 0% (0) | 0% (0) | 2.9% (1) | 0% (0) |
| AY.47 | AROOSTOOK | 0.9% (3) | 2.7% (2) | 0% (0) | 3.1% (1) | 0% (0) |
| AY.47 | CUMBERLAND | 0.7% (9) | 1.8% (2) | 2.5% (1) | 1.2% (1) | 7.5% (5) |
| AY.47 | FRANKLIN | 2.2% (3) | 10.5% (2) | 0% (0) | 0% (0) | 0% (0) |
| AY.47 | HANCOCK | 3.1% (7) | 5.2% (3) | 30.8% (4) | 0% (0) | 0% (0) |
| AY.47 | KENNEBEC | 0.2% (1) | 0% (0) | 0% (0) | 2.3% (1) | 0% (0) |
| AY.47 | KNOX | 1.1% (2) | 2.8% (1) | 7.1% (1) | 0% (0) | 0% (0) |
| AY.47 | LINCOLN | 1.8% (3) | 6.4% (3) | 0% (0) | 0% (0) | 0% (0) |
| AY.47 | OXFORD | 0.9% (3) | 5.9% (1) | 0% (0) | 0% (0) | 0% (0) |
| AY.47 | PENOBCOT | 1.7% (20) | 3.5% (11) | 4.7% (6) | 5.1% (3) | 0% (0) |
| AY.47 | SAGADAHOC | 1.3% (1) | 0% (0) | 0% (0) | 0% (0) | 50.0% (1) |
| AY.47 | SOMERSET/PISCATAQUIS | 3.1% (19) | 4.8% (5) | 10.5% (10) | 5.7% (4) | 0% (0) |
| AY.47 | WALDO | 1.9% (5) | 1.8% (2) | 5.0% (1) | 33.3% (2) | 0% (0) |
| AY.47 | WASHINGTON | 3.9% (6) | 3.3% (1) | 28.6% (2) | 4.0% (1) | 9.1% (1) |
| AY.47 | YORK | 1.8% (16) | 3.2% (4) | 6.9% (6) | 2.0% (1) | 0% (0) |
| AY.47 | Total (w/ county information) | 1.3% (99) | 3.2% (37) | 6.0% (31) | 3.0% (15) | 3.0% (7) |
| AY.47 | Total | 1.8% (196) | 3.2% (48) | 5.3% (61) | 3.7% (48) | 2.8% (13) |

Supplemental Table 1 continued:

| Variant | County | Cumulative % (total count) | August 2021 | Sept 2021 | Oct 2021 | Nov 2021 |
|---------------|--------------------------------------|----------------------------|--------------------|--------------------|--------------------|--------------------|
| AY.103 | ANDROSCOGGIN | 5.0% (44) | 2.6% (1) | 28.6% (2) | 82.9% (29) | 52.2% (12) |
| AY.103 | AROOSTOOK | 16.5% (56) | 49.3% (36) | 41.7% (5) | 12.5% (4) | 16.7% (1) |
| AY.103 | CUMBERLAND | 5.9% (75) | 8.1% (9) | 17.5% (7) | 32.6% (28) | 41.8% (28) |
| AY.103 | FRANKLIN | 3.7% (5) | 10.5% (2) | 25.0% (1) | 0% (0) | 50.0% (1) |
| AY.103 | HANCOCK | 11.2% (25) | 27.6% (16) | 61.5% (8) | 25.0% (1) | 0% (0) |
| AY.103 | KENNEBEC | 11.2% (71) | 24.2% (15) | 33.3% (20) | 41.9% (18) | 66.7% (18) |
| AY.103 | KNOX | 2.7% (5) | 2.8% (1) | 7.1% (1) | 4.5% (1) | 10.0% (2) |
| AY.103 | LINCOLN | 7.3% (12) | 4.3% (2) | 14.3% (3) | 30.0% (3) | 50.0% (1) |
| AY.103 | OXFORD | 2.8% (9) | 11.8% (2) | 16.7% (1) | 13.6% (6) | 0% (0) |
| AY.103 | PENOBCOT | 21.2% (255) | 48.7% (155) | 51.2% (66) | 40.7% (24) | 14.3% (2) |
| AY.103 | SAGADAHOC | 3.9% (3) | 0% (0) | 0% (0) | 42.9% (3) | 0% (0) |
| AY.103 | SOMERSET/PISCATAQUIS | 12.2% (74) | 19.2% (20) | 20.0% (19) | 25.7% (18) | 88.9% (16) |
| AY.103 | WALDO | 6.4% (17) | 4.6% (5) | 45.0% (9) | 50.0% (3) | 0% (0) |
| AY.103 | WASHINGTON | 17.8% (27) | 70.0% (21) | 0% (0) | 12.0% (3) | 27.3% (3) |
| AY.103 | YORK | 3.4% (31) | 5.6% (7) | 14.9% (13) | 13.7% (7) | 13.0% (3) |
| AY.103 | Total (w/ county information) | 9.6% (709) | 25.3% (292) | 30.1% (155) | 29.7% (148) | 37.2% (87) |
| AY.103 | Total | 13.1% (1431) | 23.9% (358) | 31.2% (358) | 31.2% (404) | 45.0% (208) |
| AY.* | ANDROSCOGGIN | 1.7% (15) | 23.1% (9) | 0% (0) | 5.7% (2) | 4.3% (1) |
| AY.* | AROOSTOOK | 5.0% (17) | 2.7% (2) | 16.7% (2) | 34.4% (11) | 0% (0) |
| AY.* | CUMBERLAND | 7.1% (89) | 27.0% (30) | 7.5% (3) | 27.9% (24) | 19.4% (13) |
| AY.* | FRANKLIN | 9.6% (13) | 15.8% (3) | 25.0% (1) | 25.0% (1) | 50.0% (1) |
| AY.* | HANCOCK | 7.2% (16) | 19.0% (11) | 7.7% (1) | 0% (0) | 0% (0) |
| AY.* | KENNEBEC | 3.0% (19) | 8.1% (5) | 3.3% (2) | 14.0% (6) | 7.4% (2) |
| AY.* | KNOX | 4.4% (8) | 13.9% (5) | 7.1% (1) | 0% (0) | 0% (0) |
| AY.* | LINCOLN | 14.0% (23) | 19.1% (9) | 47.6% (10) | 10.0% (1) | 0% (0) |
| AY.* | OXFORD | 3.7% (12) | 23.5% (4) | 16.7% (1) | 2.3% (1) | 0% (0) |
| AY.* | PENOBCOT | 5.2% (62) | 7.5% (24) | 17.8% (23) | 11.9% (7) | 7.1% (1) |
| AY.* | SAGADAHOC | 6.6% (5) | 57.1% (4) | 0% (0) | 14.3% (1) | 0% (0) |
| AY.* | SOMERSET/PISCATAQUIS | 3.6% (22) | 8.7% (9) | 5.3% (5) | 8.6% (6) | 0% (0) |
| AY.* | WALDO | 8.7% (23) | 8.3% (9) | 5.0% (1) | 16.7% (1) | 0% (0) |
| AY.* | WASHINGTON | 3.9% (6) | 3.3% (1) | 0% (0) | 0% (0) | 36.4% (4) |
| AY.* | YORK | 9.7% (88) | 19.8% (25) | 25.3% (22) | 27.5% (14) | 56.5% (13) |
| AY.* | Total (w/ county information) | 5.7% (418) | 13.0% (150) | 14.0% (72) | 15.1% (75) | 15.0% (35) |
| AY.* | Total | 8.0% (871) | 15.3% (229) | 18.8% (216) | 16.8% (218) | 14.1% (65) |
| P.2 | ANDROSCOGGIN | 0.5% (4) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | AROOSTOOK | 1.5% (5) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | CUMBERLAND | 0.4% (5) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | FRANKLIN | 0.7% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | HANCOCK | 8.5% (19) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | KENNEBEC | 0.3% (2) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | KNOX | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | LINCOLN | 2.4% (4) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | OXFORD | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | PENOBCOT | 1.4% (17) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | SAGADAHOC | 2.6% (2) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | SOMERSET/PISCATAQUIS | 4.5% (27) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | WALDO | 1.1% (3) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | WASHINGTON | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | YORK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | Total (w/ county information) | 1.2% (89) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| P.2 | Total | 1.0% (112) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |

Supplemental Table 1 continued:

| Variant | County | Cumulative % (total count) | August 2021 | Sept 2021 | Oct 2021 | Nov 2021 |
|-----------------|--------------------------------------|-------------------------------|-----------------|---------------|---------------|---------------|
| B.1.621* | ANDROSCOGGIN | 1.4% (12) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | AROOSTOOK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | CUMBERLAND | 1.2% (15) | 0.9% (1) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | FRANKLIN | 0.7% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | HANCOCK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | KENNEBEC | 0.2% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | KNOX | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | LINCOLN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | OXFORD | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | PENOBCOT | 0.2% (3) | 0.3% (1) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | SAGADAHOC | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | SOMERSET/PISCATAQUIS | 1.0% (6) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | WALDO | 1.1% (3) | 2.8% (3) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | WASHINGTON | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | YORK | 4.1% (37) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | Total (w/ county information) | 1.1% (78) | 0.4% (5) | 0% (0) | 0% (0) | 0% (0) |
| B.1.621* | Total | 1.0% (104) | 0.3% (5) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | ANDROSCOGGIN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | AROOSTOOK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | CUMBERLAND | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | FRANKLIN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | HANCOCK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | KENNEBEC | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | KNOX | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | LINCOLN | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | OXFORD | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | PENOBCOT | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | SAGADAHOC | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | SOMERSET/PISCATAQUIS | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | WALDO | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | WASHINGTON | 0.7% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | YORK | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | Total (w/ county information) | 0.0% (1) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |
| C.37* | Total | 0.0% (3) | 0% (0) | 0% (0) | 0% (0) | 0% (0) |

Supplemental Table 1 continued:

| Variant | County | Cumulative % (total count) | August 2021 | Sept 2021 | Oct 2021 | Nov 2021 |
|-------------------------|--------------------------------------|-------------------------------|--------------|--------------|--------------|-------------|
| | ANDROSCOGGIN | 52.6% (461) | 100.0% (39) | 100.0% (7) | 100.0% (35) | 100.0% (23) |
| | AROOSTOOK | 64.6% (219) | 100.0% (73) | 100.0% (12) | 100.0% (32) | 100.0% (6) |
| | CUMBERLAND | 57.4% (724) | 99.1% (110) | 100.0% (40) | 100.0% (86) | 100.0% (67) |
| | FRANKLIN | 56.6% (77) | 100.0% (19) | 100.0% (4) | 100.0% (4) | 100.0% (2) |
| | HANCOCK | 74.4% (166) | 98.3% (57) | 100.0% (13) | 100.0% (4) | 100.0% (19) |
| | KENNEBEC | 62.5% (397) | 100.0% (62) | 100.0% (60) | 97.7% (42) | 96.3% (26) |
| | KNOX | 83.0% (151) | 100.0% (36) | 100.0% (14) | 100.0% (22) | 100.0% (20) |
| | LINCOLN | 88.4% (145) | 100.0% (47) | 100.0% (21) | 90.0% (9) | 100.0% (2) |
| | OXFORD | 55.2% (179) | 100.0% (17) | 100.0% (6) | 100.0% (44) | 0% (0) |
| | PENOBCOT | 70.9% (853) | 100.0% (318) | 100.0% (129) | 100.0% (59) | 100.0% (14) |
| | SAGADAHOC | 68.4% (52) | 100.0% (7) | 0% (0) | 100.0% (7) | 100.0% (2) |
| | SOMERSET/PISCATAQUIS | 80.3% (486) | 100.0% (104) | 100.0% (95) | 100.0% (70) | 100.0% (18) |
| | WALDO | 84.8% (224) | 100.0% (109) | 100.0% (20) | 100.0% (6) | 0% (0) |
| | WASHINGTON | 69.1% (105) | 96.7% (29) | 100.0% (7) | 100.0% (25) | 100.0% (11) |
| | YORK | 68.6% (623) | 98.4% (124) | 100.0% (87) | 100.0% (51) | 100.0% (23) |
| Total VOI/VOC Sequenced | Total (w/ county information) | 66.2% (4862) | 99.6% (1151) | 100.0% (515) | 99.6% (496) | 99.6% (233) |
| Total VOI/VOC Sequenced | Total | 71.6% (7824) | 99.5% (1491) | 99.4% (1141) | 98.3% (1273) | 99.1% (458) |
| | ANDROSCOGGIN | 877 | 39 | 7 | 35 | 23 |
| | AROOSTOOK | 339 | 73 | 12 | 32 | 6 |
| | CUMBERLAND | 1261 | 111 | 40 | 86 | 67 |
| | FRANKLIN | 136 | 19 | 4 | 4 | 2 |
| | HANCOCK | 223 | 58 | 13 | 4 | 19 |
| | KENNEBEC | 635 | 62 | 60 | 43 | 27 |
| | KNOX | 182 | 36 | 14 | 22 | 20 |
| | LINCOLN | 164 | 47 | 21 | 10 | 2 |
| | OXFORD | 324 | 17 | 6 | 44 | 0 |
| | PENOBCOT | 1203 | 318 | 129 | 59 | 14 |
| | SAGADAHOC | 76 | 7 | 0 | 7 | 2 |
| | SOMERSET/PISCATAQUIS | 605 | 104 | 95 | 70 | 18 |
| | WALDO | 264 | 109 | 20 | 6 | 0 |
| | WASHINGTON | 152 | 30 | 7 | 25 | 11 |
| | YORK | 908 | 126 | 87 | 51 | 23 |
| Total Cases Sequenced | Total (w/ county information) | 7349 | 1156 | 515 | 498 | 234 |
| Total Cases Sequenced | Total | 10927 | 1498 | 1148 | 1295 | 462 |